ATS-032

IN THE CLAIMS:

Please cancel claims 1 to 5, 9 and 10, without prejudice or disclaimer, and substitute therefor new claims 11 to 19, as follows:

--11. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith; and

a flywheel body secured to said elastic member and having an engageable surface which is engageable with a clutch disc,

said elastic plate having an axial rigidity in the range of 600 kg/mm to 2200 kg/mm so as to ensure transmission of engine torque to said driven unit, while decreasing noise ~~produced by a bending vibration of said crankshaft.~~

12. (Newly-added, like claim 3) A flywheel as set forth in claim 11, wherein said axial rigidity is in the range of 600 kg/mm to 1700 kg/mm.

13. (Newly-added, like claim 5) The crankshaft assembly as set forth in claim 12, wherein an axial run-out of said engageable surface when rotated by said crankshaft is no more than 0.1 mm.

14. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith; and

a flywheel body secured to said elastic member and having an engageable surface which is engageable with a clutch disc,

said engageable surface having an axial run-out which is equal to or less than 0.1 mm for ensuring a smooth engagement ~~with said clutch disc.~~

15. (Newly-added) A flywheel as ~~set~~ forth in claim 14, wherein said elastic plate has an axial rigidity in the range of 600 kg/mm to 2200 kg/mm so as to ensure transmission of engine torque to said driven unit, while decreasing noise produced by a bending vibration of said crankshaft.

16. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith; and

a flywheel body secured at a secured portion to said elastic member and having an engageable surface which is engageable with a clutch disc;

a reinforcing member for reinforcing said elastic plate at the secured portion at which said elastic plate is secured to said crankshaft, said reinforcing member defining a space between said elastic plate and said flywheel body,

said elastic plate having an axial rigidity in the range of 600 kg/mm to 2200 kg/mm so as to ensure transmission of engine torque to said driven unit, while decreasing noise ~~produced by a bending vibration of said crankshaft.~~

17. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith;

a flywheel body secured at a secured portion to said elastic member and having an engageable surface which is engageable with a clutch disc; and

a reinforcing member for reinforcing said elastic plate at the secured portion in which said elastic plate is secured to said crankshaft, said reinforcing member defining a space between said elastic plate and said flywheel body,

said elastic plate having a predetermined axial rigidity so as to transmit engine torque to said driven unit, while decreasing noise produced by a bending vibration of said crankshaft.

18. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith;

a flywheel body secured to said elastic member and having an engageable surface which is engageable with a clutch disc; and

a reinforcing member for reinforcing said elastic plate at the secured portion in which said elastic plate is secured to said crankshaft, said reinforcing member defining a space between ~~said elastic plate and said flywheel body,~~

said engageable surface having an axial run-out which is equal to or less than 0.1 mm for ensuring a smooth engagement ~~with said clutch disc,~~

19. (Newly-added) A flywheel for a power transmission system for transmitting engine torque to a driven unit, comprising:

an elastic plate secured to a crankshaft to rotate therewith;

a flywheel body secured at a secured portion to said elastic member and having an engageable surface which is engageable with a clutch disc; and

a reinforcing member for reinforcing said elastic plate at the secured portion in which said elastic plate is secured to said crankshaft, said reinforcing member ensuring to define a space between said elastic plate and said flywheel body,

said engageable surface having a predetermined axial run-out so as to ensure a smooth engagement with said clutch disc.--